Multi-Channel (5) PMIC for Automotive Applications: 3 LVBUCK and 2 LDO, Fit for ASIL B Safety Level

PF51x3

Preproduction

This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information please contact your sales representative.

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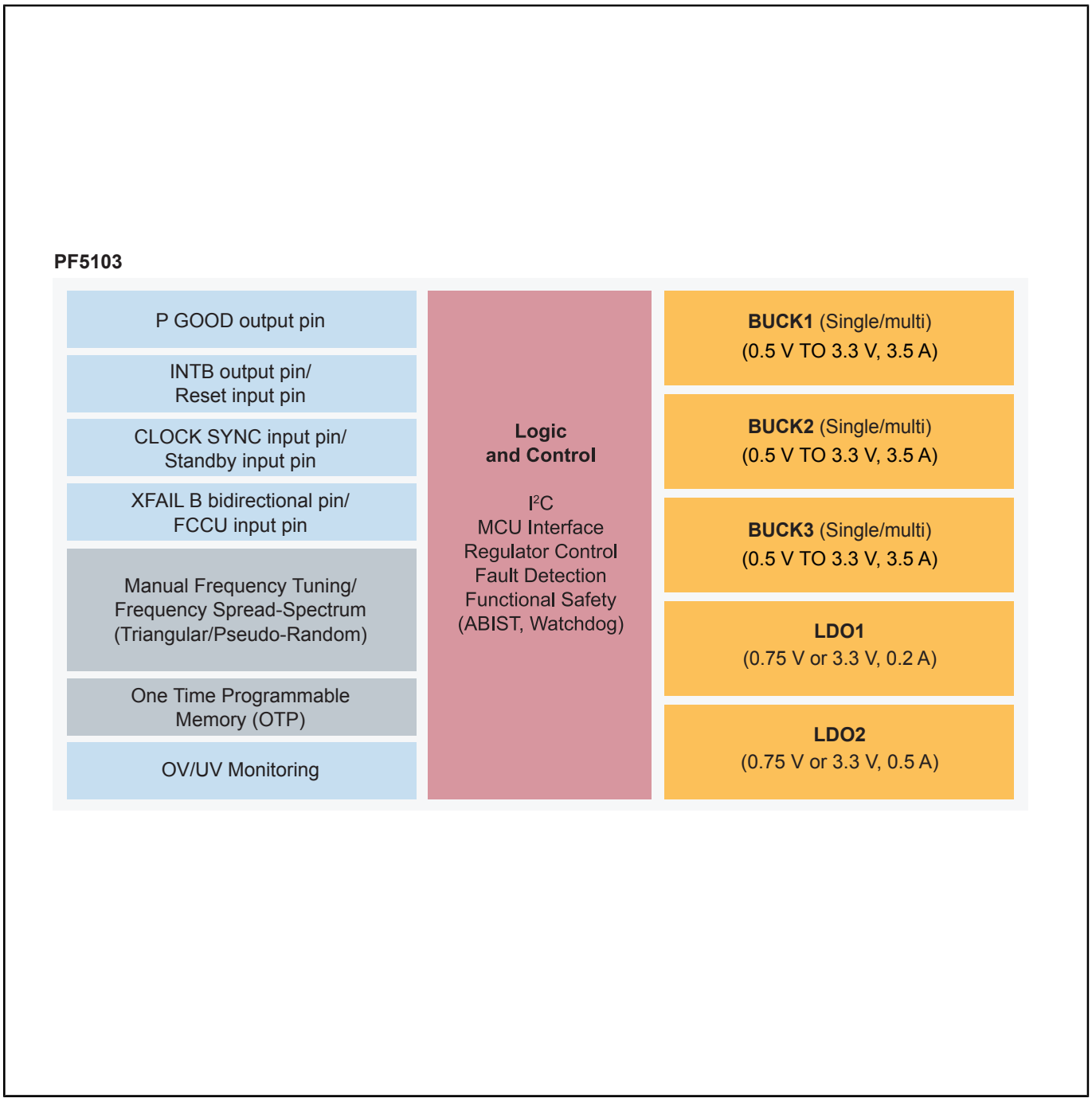
The PF51x3 is a multi-channel PMIC device designed to be used for automotive safety and industrial applications. The PF51x3 is configurable, making it a great companion and fit for various system-level power requirements.

Integrated safety features ensure compliance with the ISO 26262 standard and the ASIL B functional safety level. The PF51x3 is available as a standard non-safety device for applications that don't require ISO 26262 compliance.

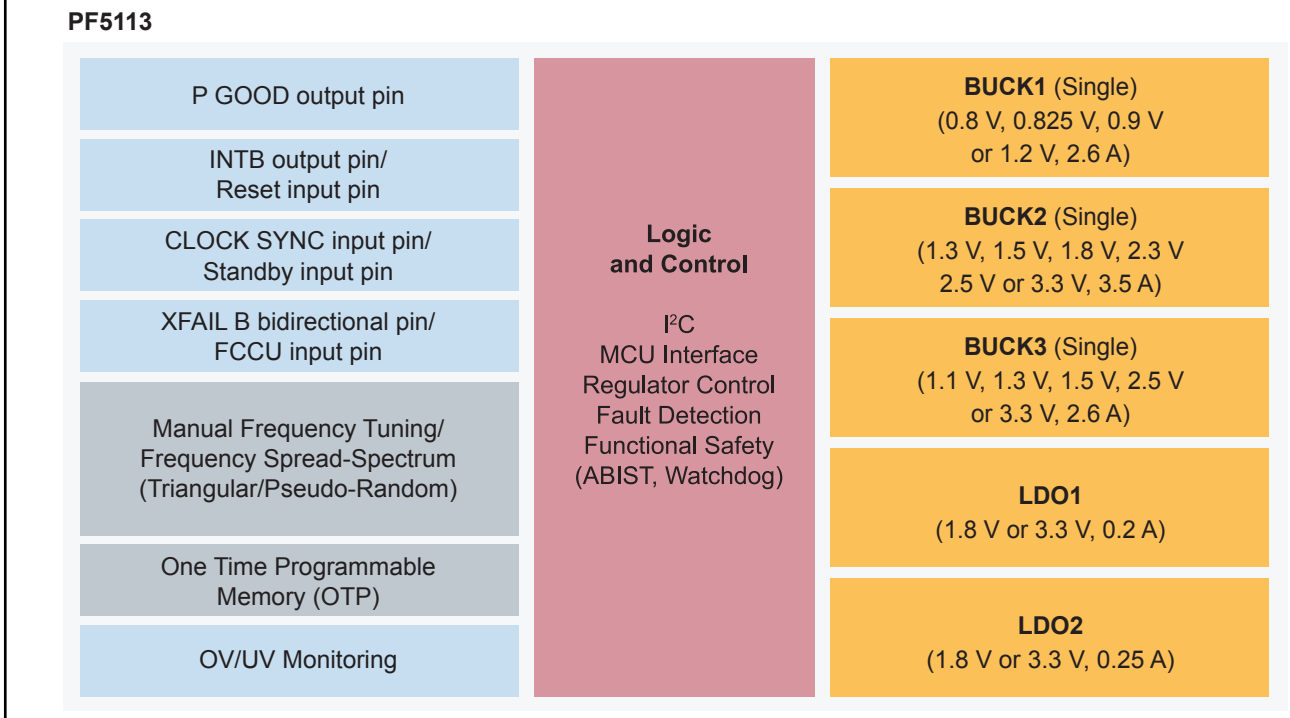
The PF51x3 is suitable for applications that require multiple power supplies, including infotainment, ADAS, vision, and radar, as a companion to another PMIC or SBC, such as one from the FS8x family.

The PF5113 is suitable for NXP radar system solutions, including S32R41, TEF82xx and SAF85xx.

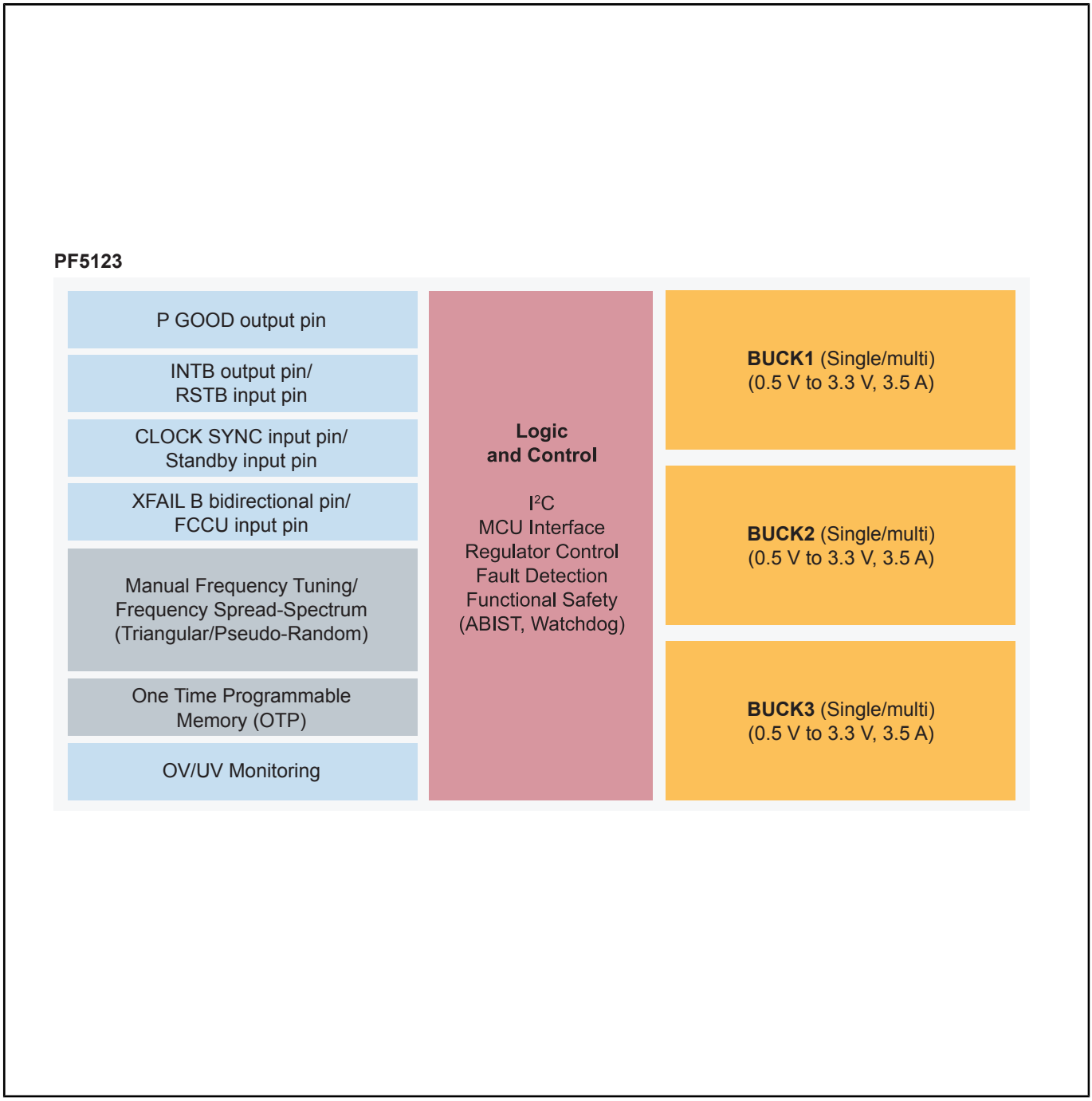
PF5103 Block Diagram



PF5113 Block Diagram



PF5123 Block Diagram



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